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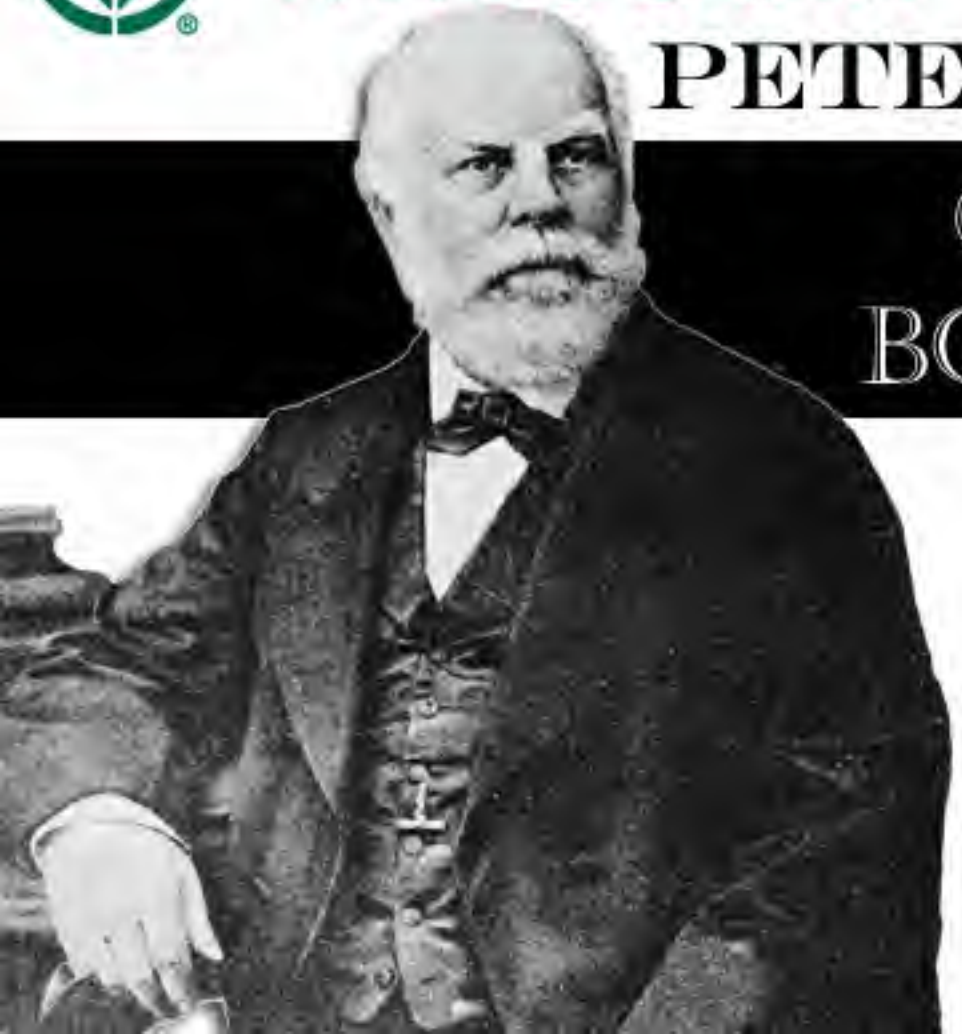

Pagination Note:
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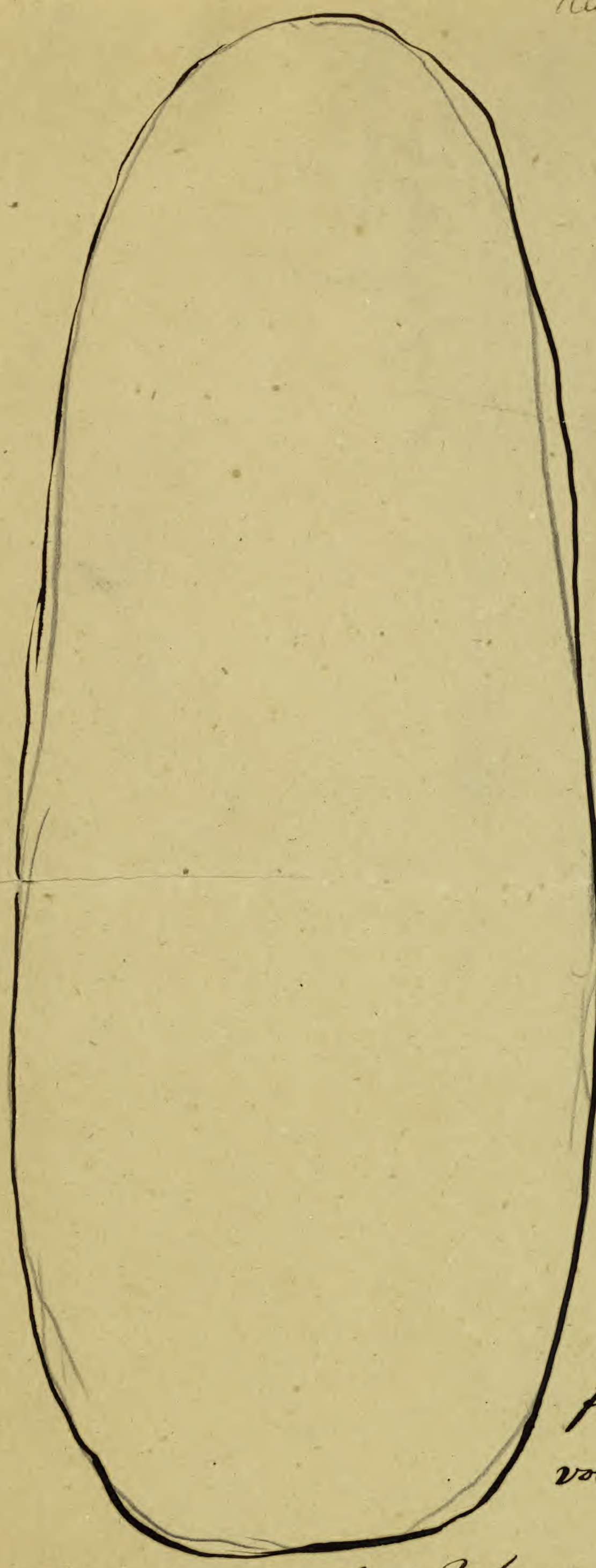
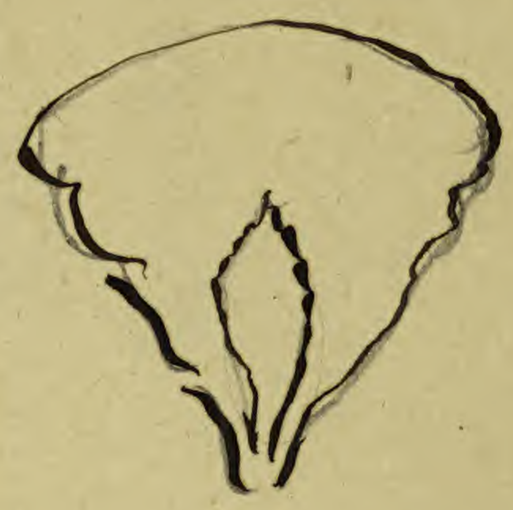
Kew Sept 1869





Abies amabilis
Amabilis Forbes
Pinetum Wburnense
tab 44

same one is
figured by Lambert
vol III ed 2 P. grandis

The One itself I have not seen
neither in Kew nor in British Museum
The Cone was obtained from Douglas, 15½ cent Long
x 7½ diamet.

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cm
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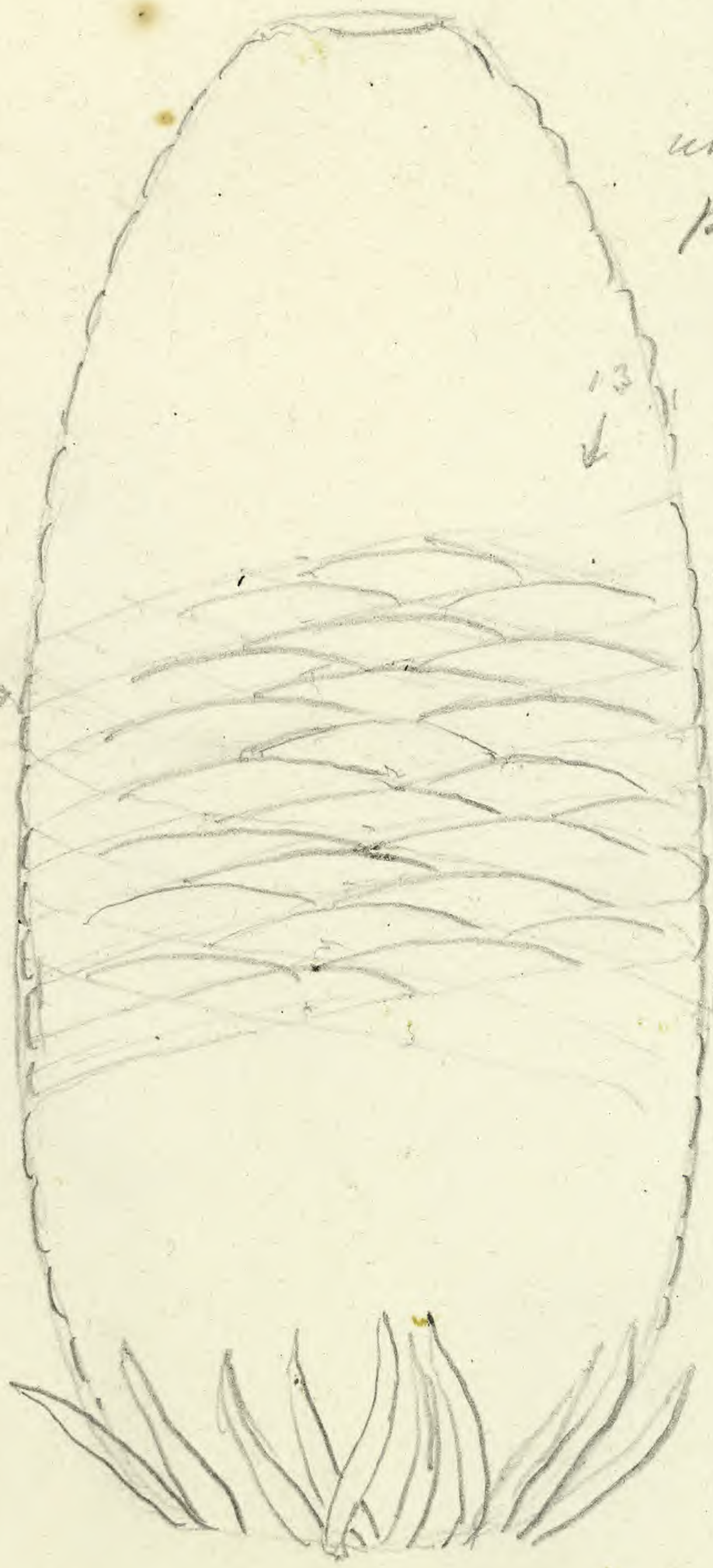
Abies amabilis
Portland Aug 5 1880

2 1/3 or 4 scales



wing nearly as wide as it is long

Cascade Mountains
Douglas' locality south of Cascades 12 miles
C S Sargent Aug 4 1880 4000 feet alt
cone 5 inches long & 2 1/4 inches in diameter

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2¾ mm × 1¼

Abies amabilis
S. Cheer Mountain
near Hope, on Boston Bar Road
Victoria July 27 '80

× 30

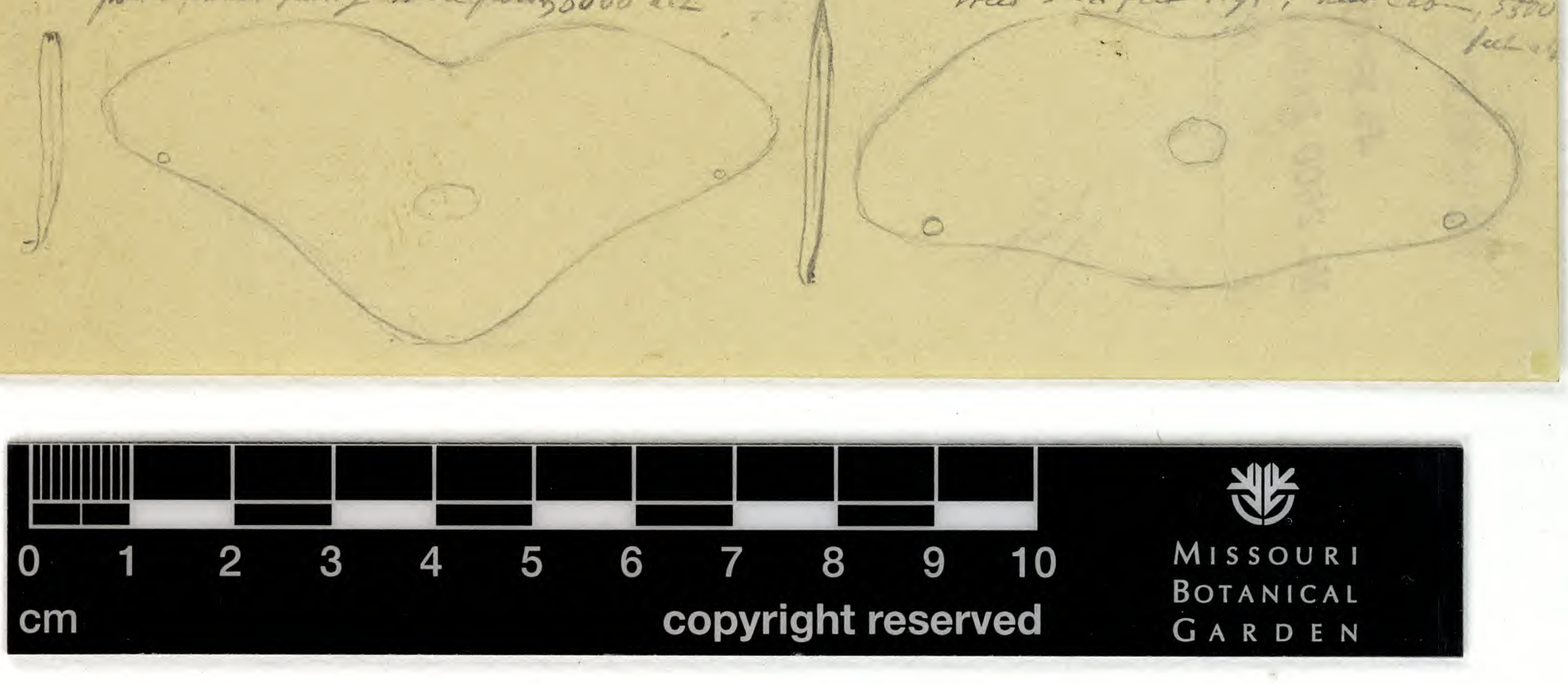
1.

120 feet high, 4000 feet alt.
East of Branchlet, which was forked 3 years ago

July 25
1880
seedlings in the old forest
1–2 feet high

long pointed leaves of a Cedar
Trees 5–8 feet high, near Cabin, 5500 feet alt.

from a Branch Canon near Hope flowers 5500' alt.



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Henry T. Rohlfing,

APOTHECARY,

No. 2600 Laclede Ave., S. W. Cor. Jefferson Ave.,

ST. LOUIS, MO.

No. ..... Date, ... 187

℞

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Geo. Engelmann, M. D.,
No. 3003 Locust Street.

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cm 0 1 2 3 4 5 6 7 8 9 10
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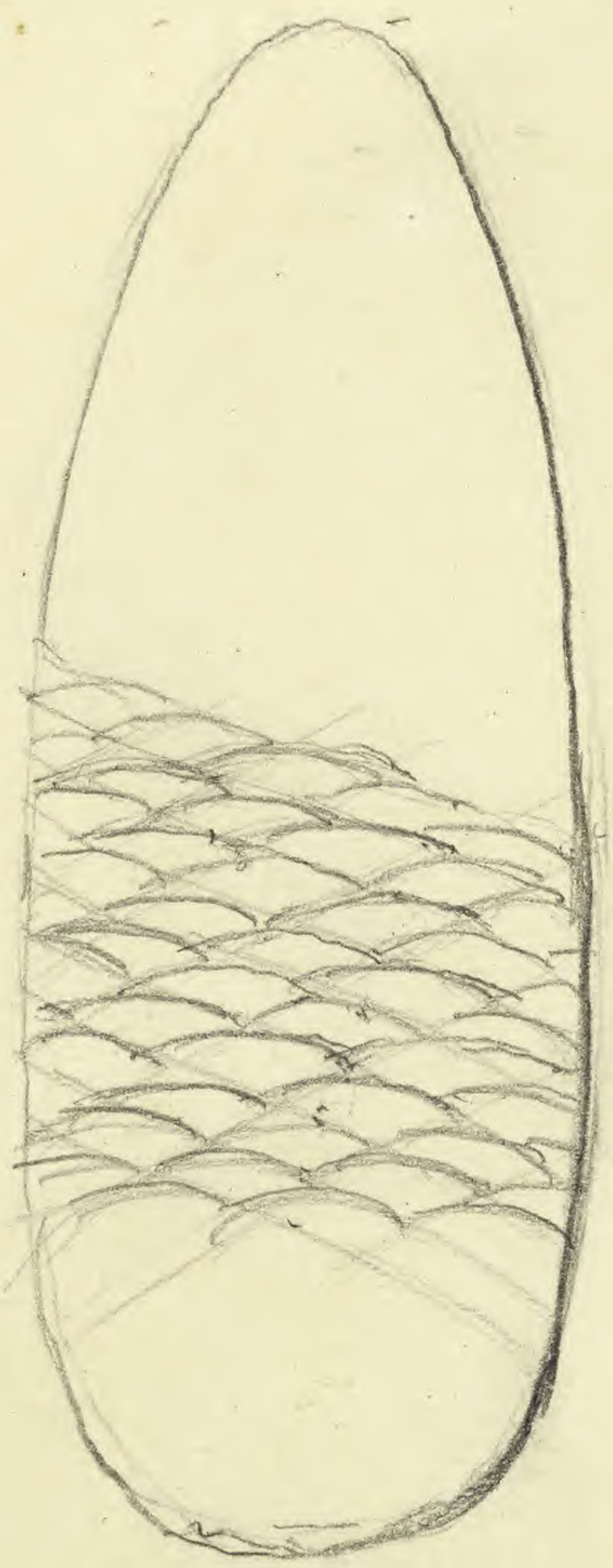
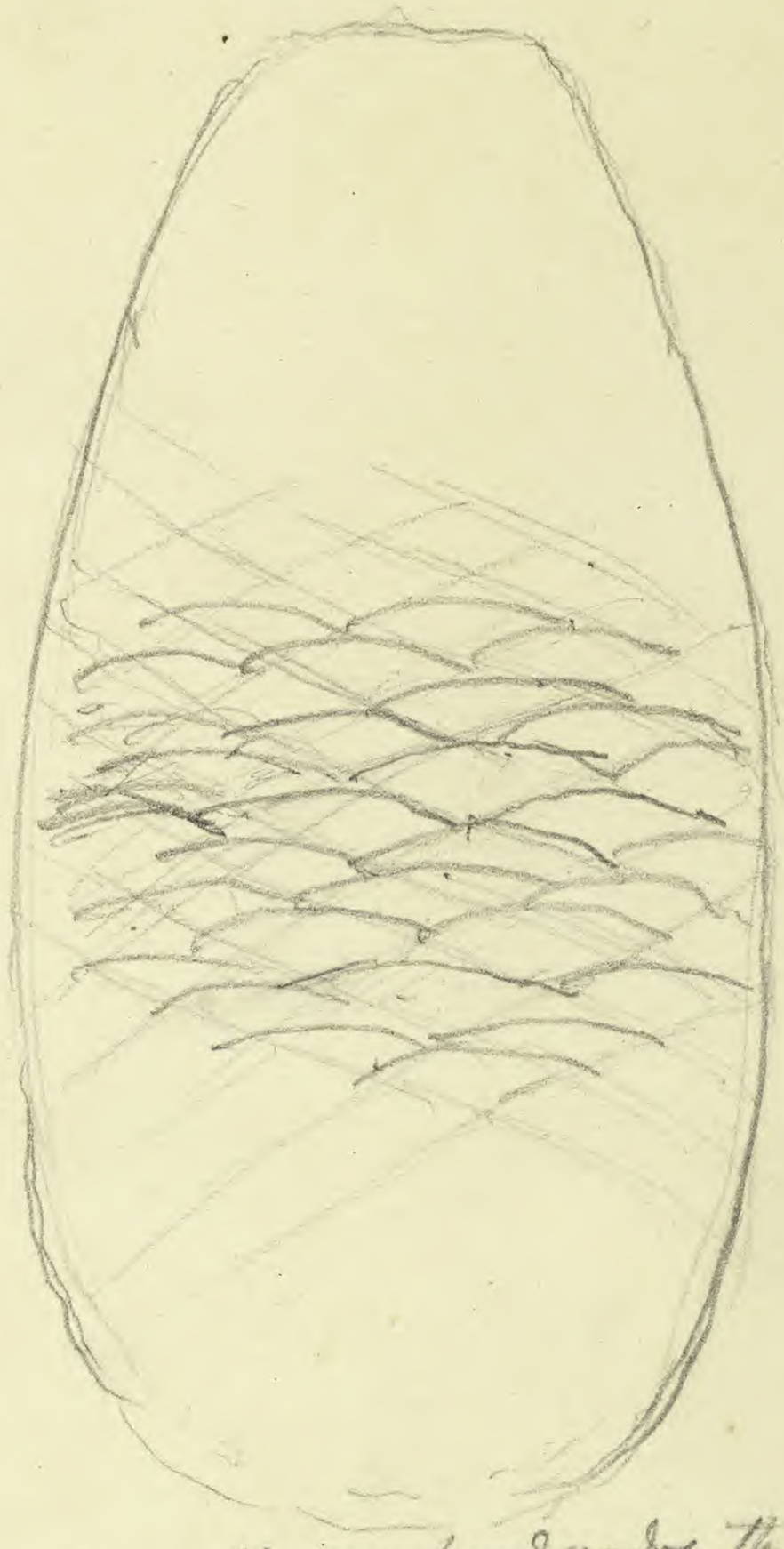
Victoria July 28 1880

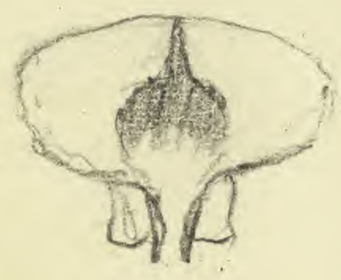
Abies amabilis, Silver Mountain a
Fraser River 4000' alt.
July 25' 1880



Cone not fully grown
July 25th



old cone found under the trees

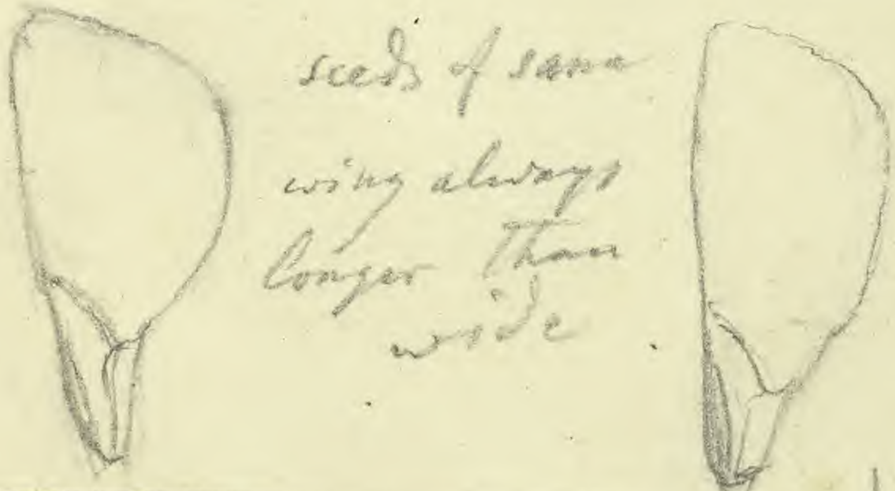


Bract deep purple

Cone 4 × 2 inches
purple
bracts deep purple, longer
than half the scale
scale not much wider
than high

scales of 2

different cones



seeds of same wing always longer than wide

width of open cone

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Stein amblis on the Cascades

The largest specimen seen by Prof Sargent

Stems near the banks of a stream at

~~at~~ an elevation of 3900. It was

probably 100 to 200 feet high.

with a trunk four feet diameter.

branching to the ground. and forming

a perfect dark green ~~to~~ cone of

foliage. The bark on the old trees

is 1½ - 2 inches thick. furrowed.

& reddish gray. Most of the larger

trees seen on these slopes had. ~~with~~

just this. Smooth. & light gray or

almost white.

Sargent

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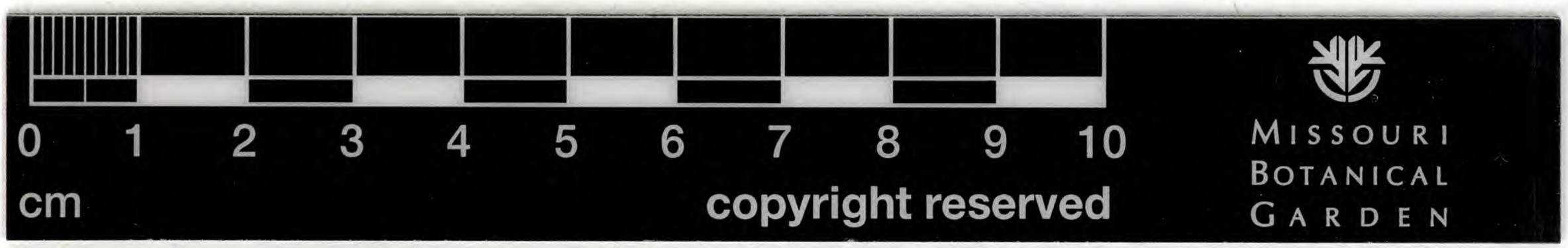

(leaves dk green above silvery below)

Abies Amabilis, only 3–5
original specimens from Douglas'
seeds — has not been seen since,
all the plants in cultivation
are cuttings or Layers from those
original ones

Sent by Mr McNab of the
Hort Bot Edinb. May 30 1889

12840

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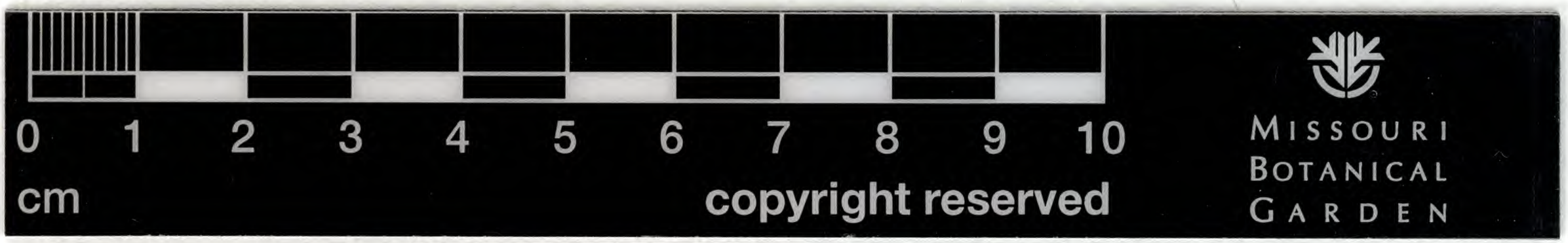

Abies subalpina Engelm. ~~Field & Forest 1877~~
Amer. Naturalist
Sept 1876. p. 503

Abies balsamea
lasiocarpa
subsp Abies occidentalis Oct 1875

In the Rocky Mountains from S. Colorado Northward
& Higher Mountains of Oregon

12841A

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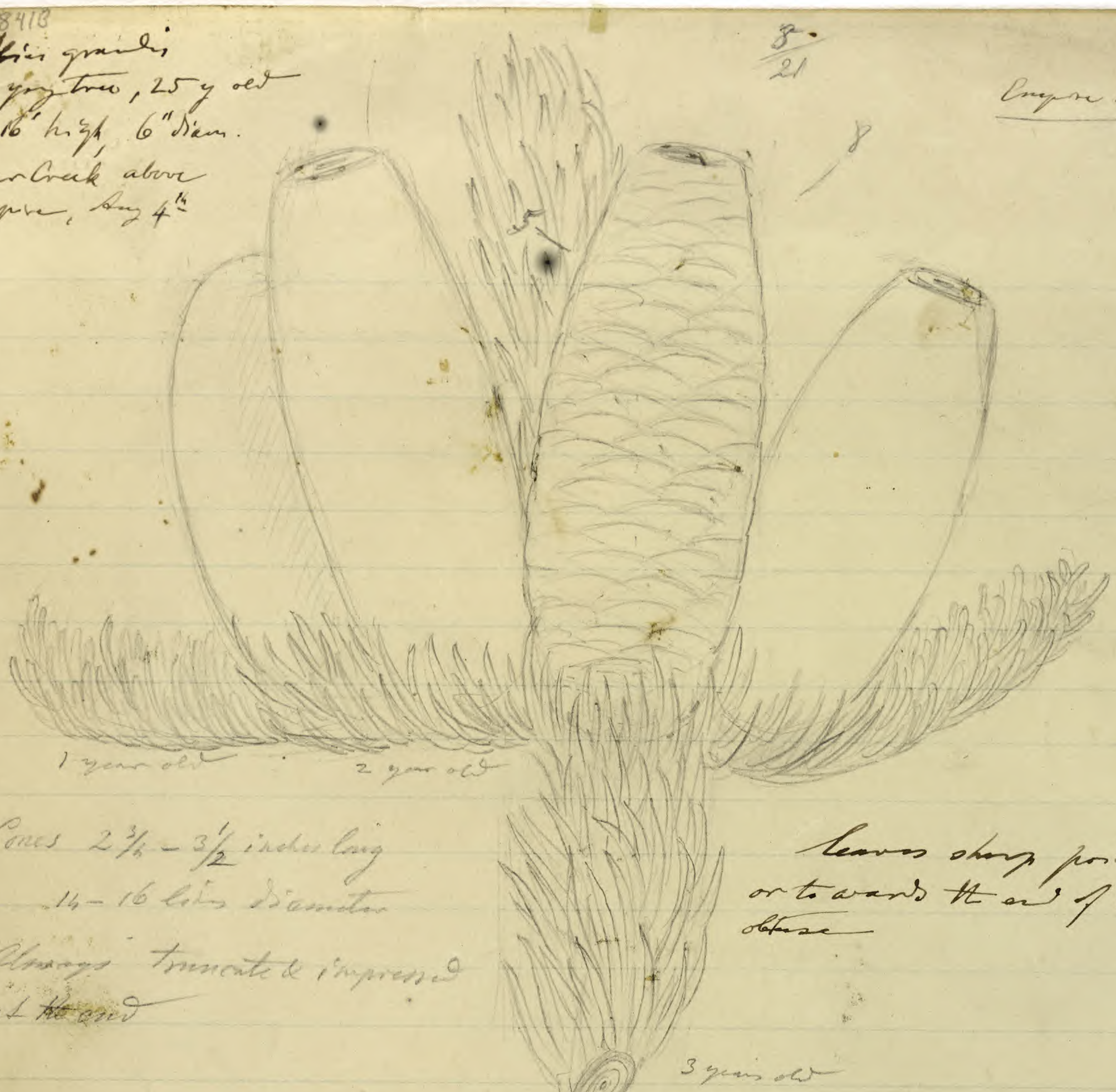
128418
Abies grandis
young tree, 25 y old
16" high, 6" Diam.
Clear Creek above
Cuyuse, Aug 4th

8.
21

Cuyuse Aug 19' 13

8



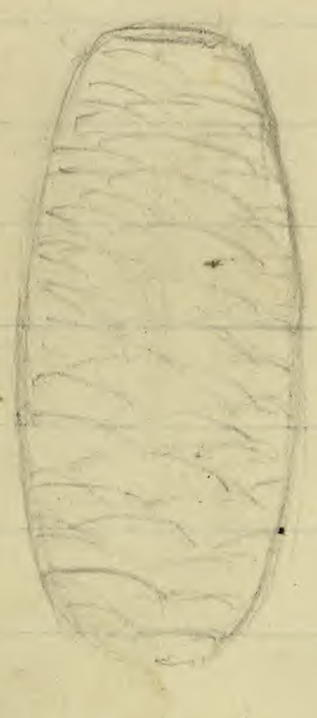
1 year old

2 year old

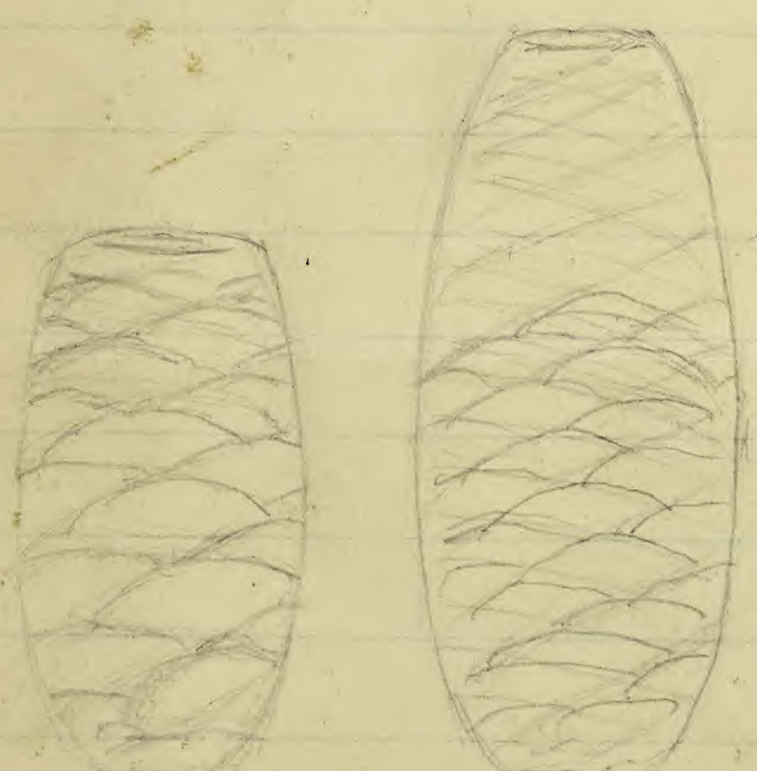
Cones 2 3/4 – 3 1/2 inches long
14 – 16 lobes diameter
Always truncate & impressed
at the end

Leaves sharp pointed
or towards the end of bud blunt
obtuse

3 years old



cones of a young tree
collected in Mad Creek
valley 11 C. diam
& 25 C. long Aug 18



2 cones of the same branch
of a young tree just below
the Timber line of Mt Hood
Aug 22

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Abies balsamea Engl

Mt Desert Aug 10th 1881

~~15 ft~~ 50 ft

5 ft 6 inch circumference

Spread of boughs

6 ft

Dr C. Parry

over

12842

Abies Subalpina Engel

Tree from which specimens were taken

Aug 8th 1880

Height 19 ft

Diameter (4 ft up) 6 inches

annual rings 46?

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Abies subalpina at the head of Navigation on Stickine River,
before it penetrates the high and continuous Mountain ranges
(which trend southeastward from Mt Elias) on the northeast
side of these Mountains, at alt 4000–5500 feet, forming
a low chaparal, 2–3 feet high, most densely branched, branches interlaced,
"snow pressed" some few stems 10–15 feet high. — fertile.

J. Muir

12843

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